

Report Data

This report includes graphs and tables summarizing data for samples collected throughout the year from the raw water (plant influents) and the potable treated water leaving Denver Water's treatment plants (plant effluents). Results are expressed primarily as averages unless otherwise specified for parameters, such as temperature, that fluctuate seasonally. The data tables that begin on page 16 give the MCL, maximum contaminant level (the highest allowable level for a substance in drinking water), the range values from the lowest to the highest for the year, and the average (avg.) value, along with the number of samples tested (no.).

Parameters such as temperature, and turbidity, are measurements of physical characteristics and are expressed in units specific to their analyses. Chemical results are generally expressed in terms of concentration, weight or amount per unit volume, e.g. mg/L or µg/L. Microbiological results are generally expressed in terms of a count of organisms per volume of sample, e.g. CFU/100 ml. For total coliform, the percent of positive samples each month is calculated and reported. The EPA regulation states that no more than 5% of the samples may be positive per month.

Treatment Plant Effluent and Distribution System Total Coliform Samples for 2001

<u>Month</u>	<u>Number of Samples</u>	<u>Number of Positives</u>	<u>% Positive</u>
January	519	0	0.00%
February	438	1	0.23%
March	546	0	0.00%
April	541	0	0.00%
May	581	1	0.17%
June	394	1	0.25%
July	410	1	0.24%
August	374	0	0.00%
September	358	1	0.28%
October	418	3	0.72%
November	322	0	0.00%
December	326	1	0.31%
	<u>5,227</u>	<u>9</u>	<u>0.17%</u>